

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131370.D
 Acq On : 23 Nov 2022 20:00
 Operator : CG\JU
 Sample : N5642-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-22

Quant Time: Nov 24 05:57:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

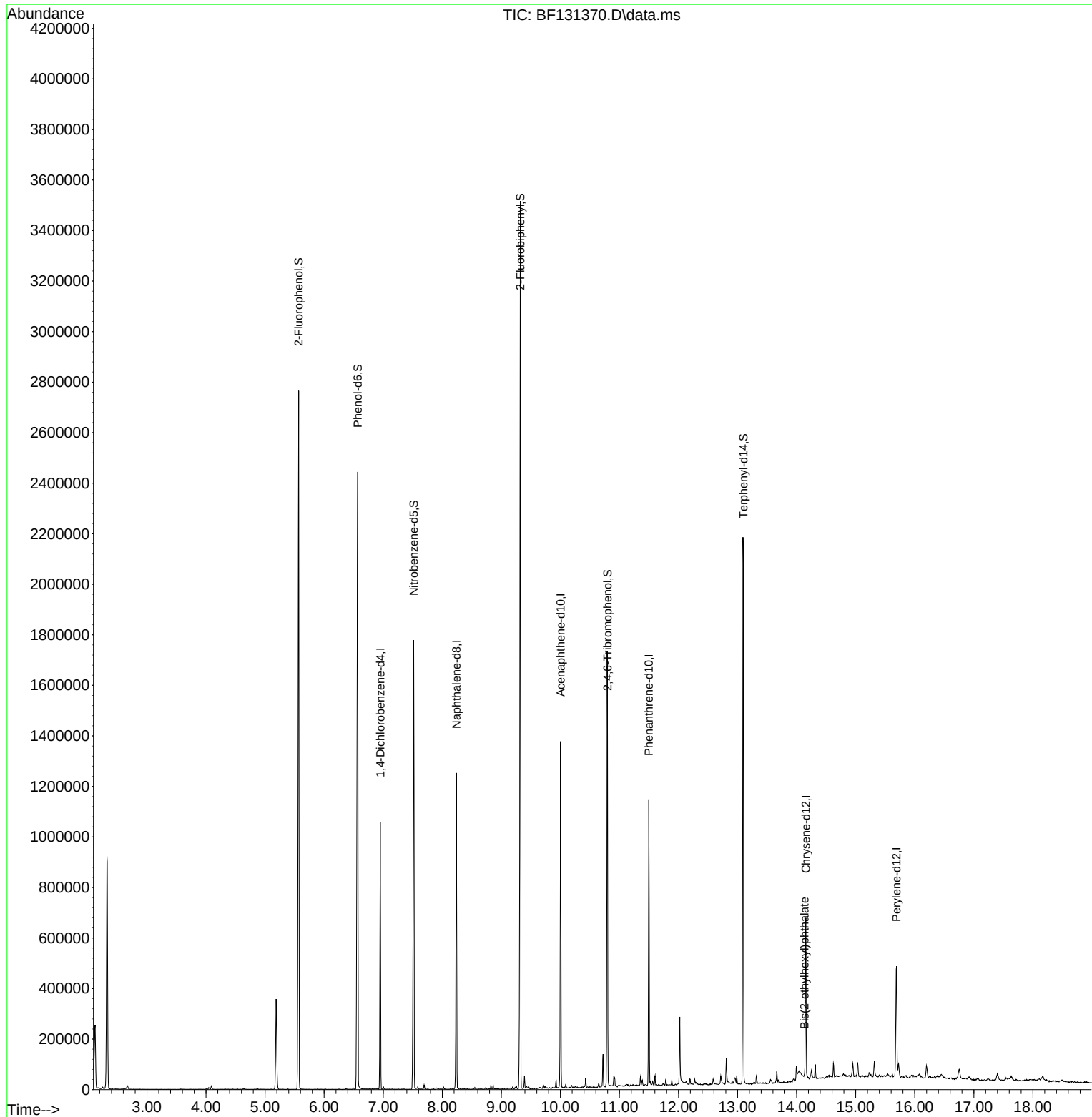
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	139320	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	493986	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	254738	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	388644	20.000	ng	0.00
76) Chrysene-d12	14.157	240	226871	20.000	ng	0.00
86) Perylene-d12	15.692	264	214168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	700730	95.725	ng	0.01
7) Phenol-d6	6.569	99	879662	94.184	ng	0.00
23) Nitrobenzene-d5	7.516	82	593021	60.515	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	183032	85.404	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1049853	59.958	ng	0.00
79) Terphenyl-d14	13.098	244	797120	57.456	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.133	149	2496	4.006	ng	Qvalue # 97

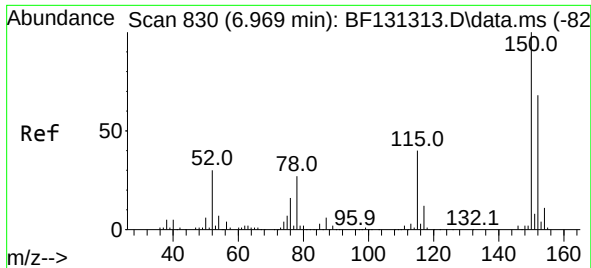
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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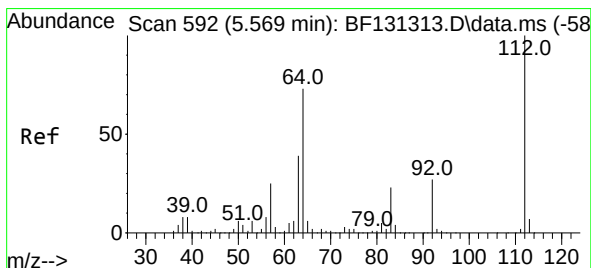
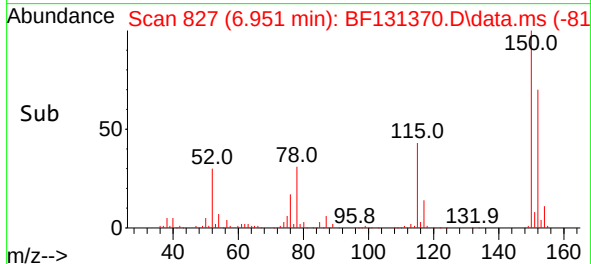
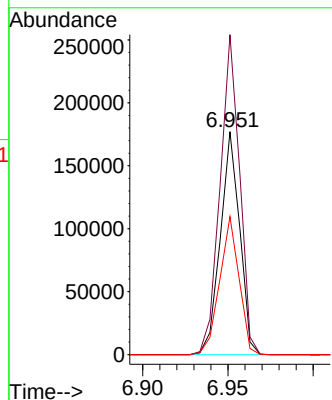
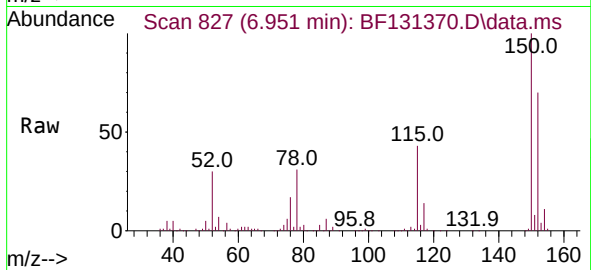




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131370.D
 Acq: 23 Nov 2022 20:00

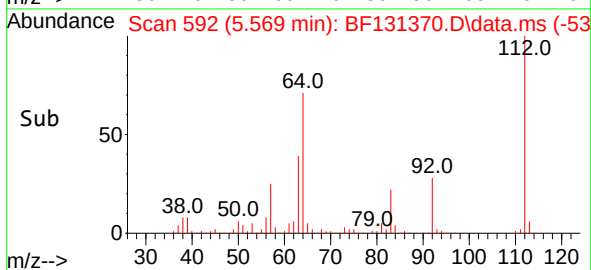
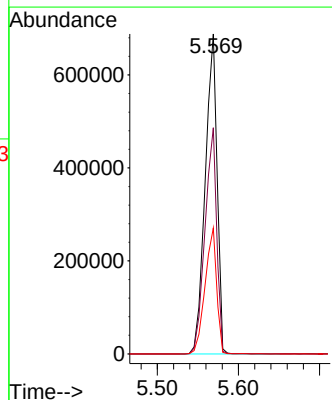
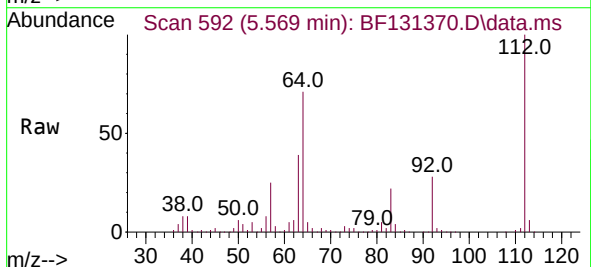
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-22

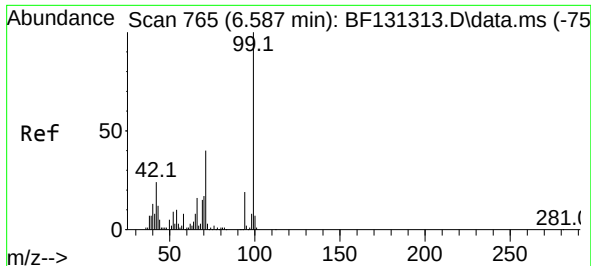
Tgt Ion:152 Resp: 139320
 Ion Ratio Lower Upper
 152 100
 150 143.5 117.8 176.8
 115 61.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 95.725 ng
 RT: 5.569 min Scan# 592
 Delta R.T. 0.012 min
 Lab File: BF131370.D
 Acq: 23 Nov 2022 20:00

Tgt Ion:112 Resp: 700730
 Ion Ratio Lower Upper
 112 100
 64 70.7 58.6 88.0
 63 39.3 31.4 47.0

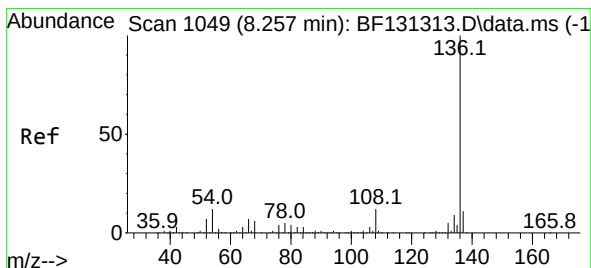
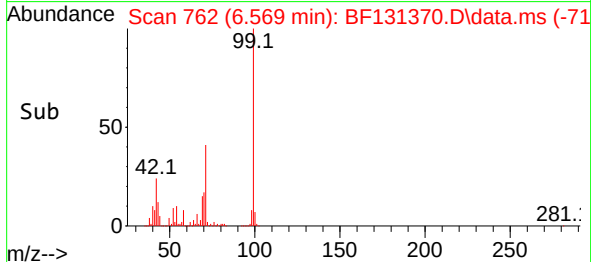
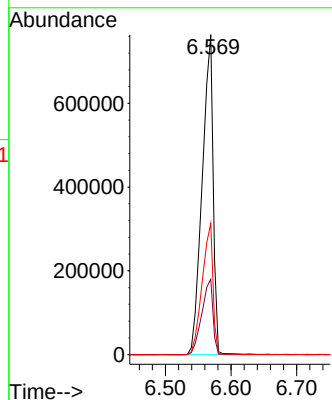
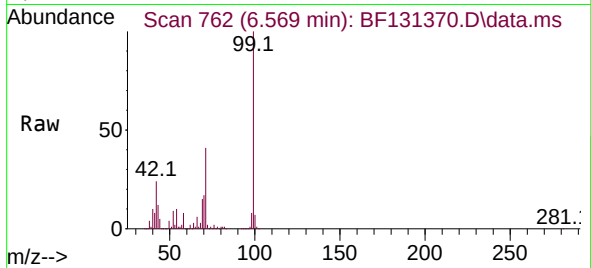




#7
Phenol-d6
Concen: 94.184 ng
RT: 6.569 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF131370.D
Acq: 23 Nov 2022 20:00

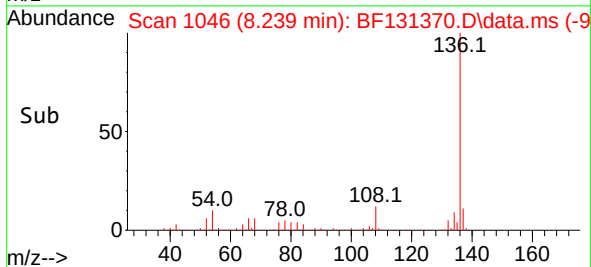
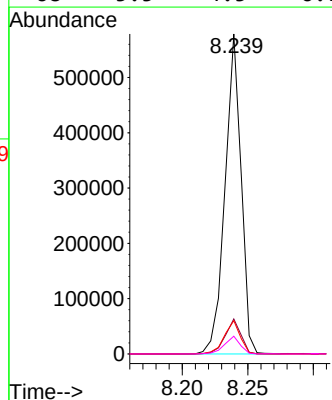
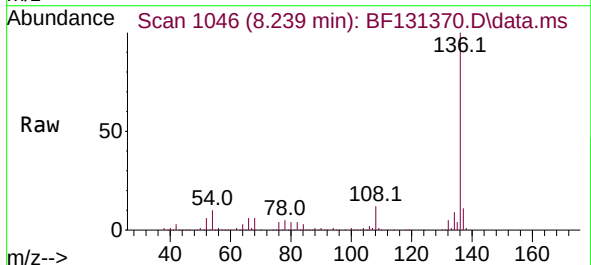
Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-22

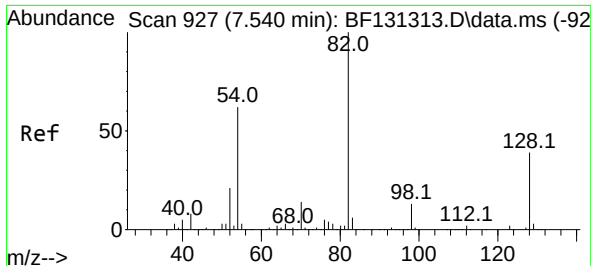
Tgt Ion: 99 Resp: 879662
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 41.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131370.D
Acq: 23 Nov 2022 20:00

Tgt Ion: 136 Resp: 493986
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.4 9.4 14.0
68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 60.515 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131370.D

Acq: 23 Nov 2022 20:00

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE-22

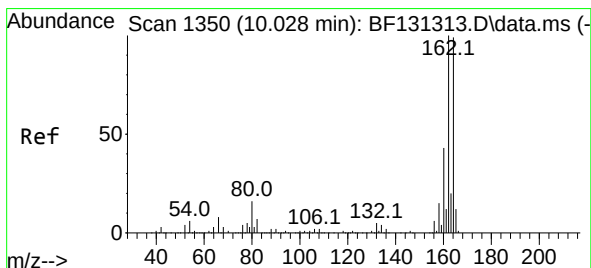
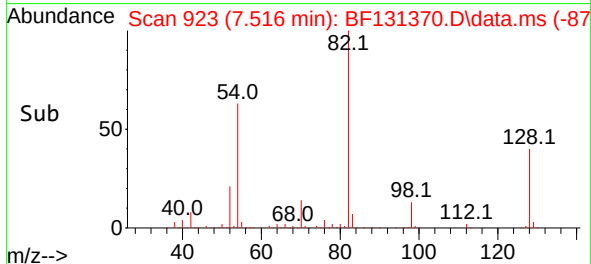
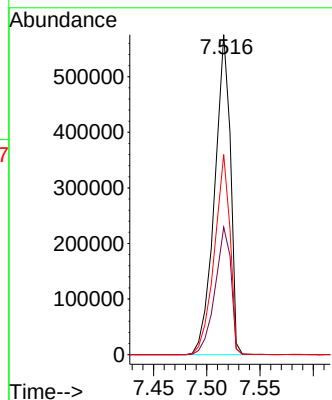
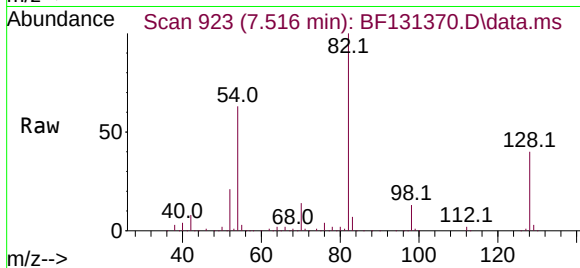
Tgt Ion: 82 Resp: 593021

Ion Ratio Lower Upper

82 100

128 39.8 31.4 47.0

54 62.5 49.8 74.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF131370.D

Acq: 23 Nov 2022 20:00

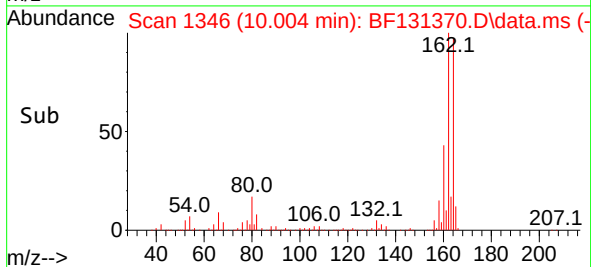
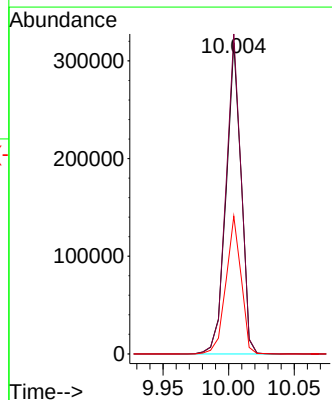
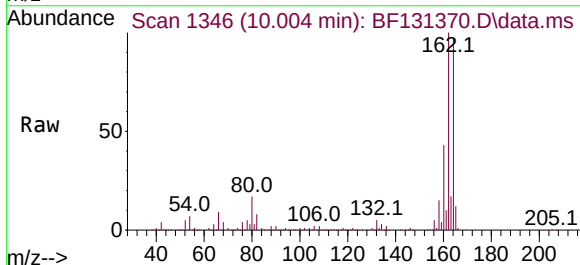
Tgt Ion:164 Resp: 254738

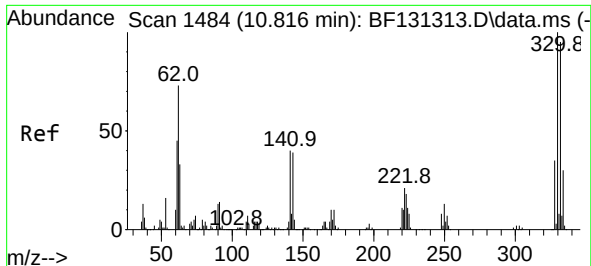
Ion Ratio Lower Upper

164 100

162 102.9 80.6 120.8

160 44.2 34.4 51.6

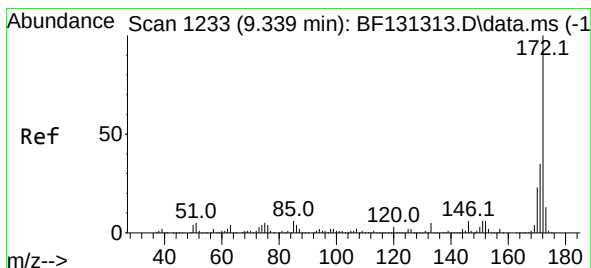
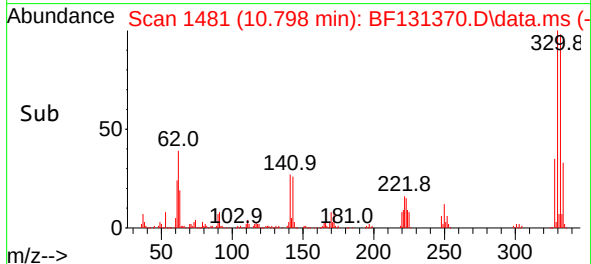
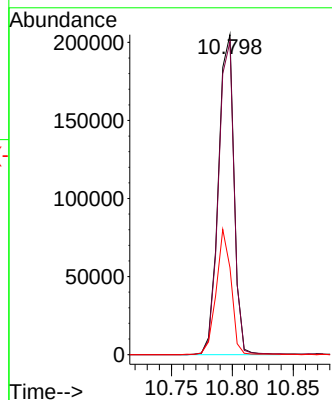
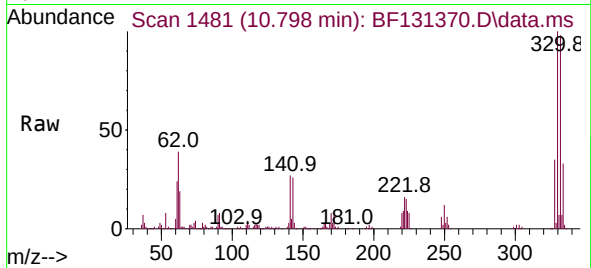




#42
2,4,6-Tribromophenol
Concen: 85.404 ng
RT: 10.798 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131370.D
Acq: 23 Nov 2022 20:00

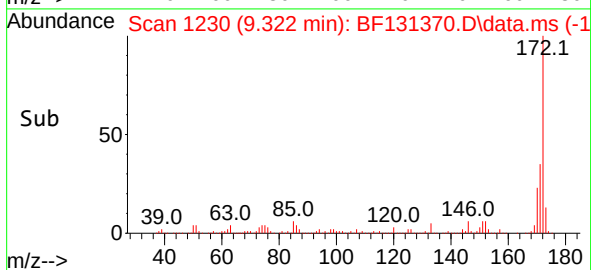
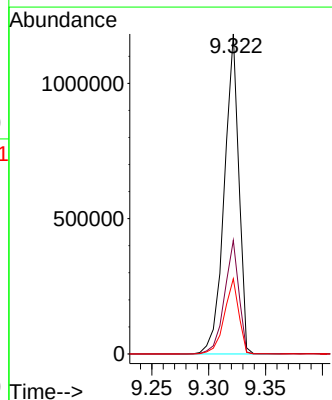
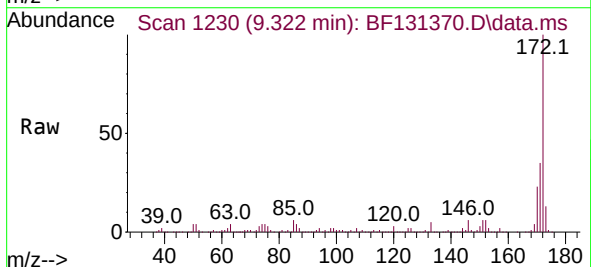
Instrument :
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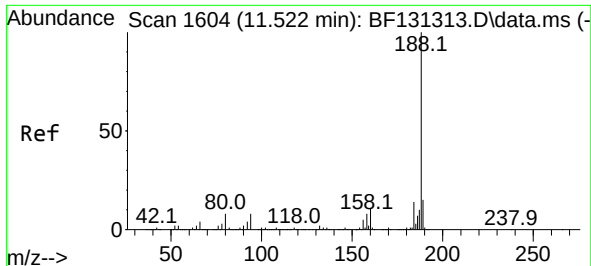
Tgt Ion:330 Resp: 183032
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 37.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 59.958 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131370.D
Acq: 23 Nov 2022 20:00

Tgt Ion:172 Resp: 1049853
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 18.7 28.1

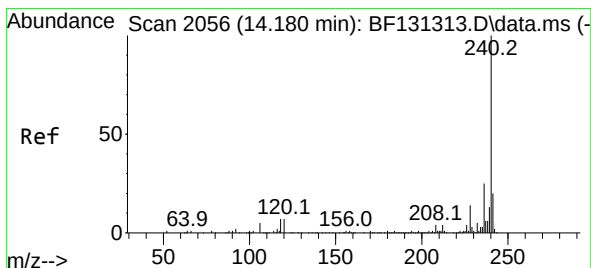
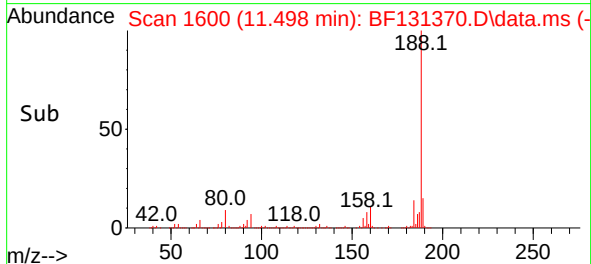
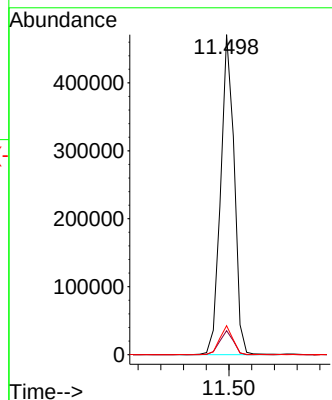
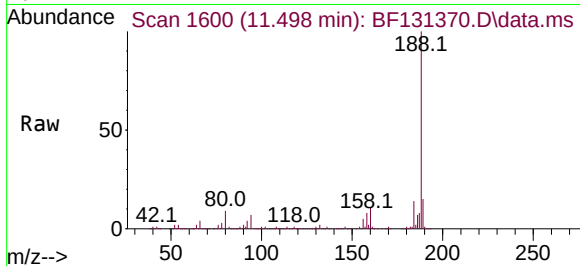




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131370.D
Acq: 23 Nov 2022 20:00

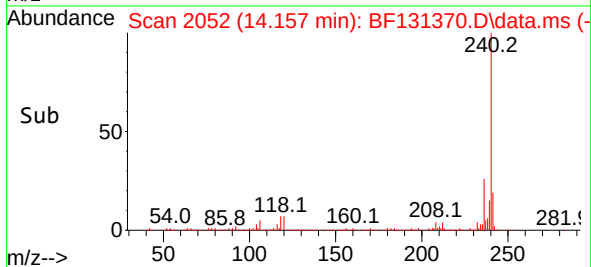
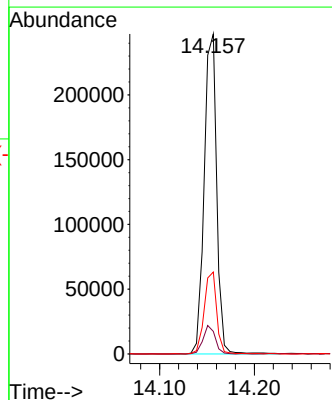
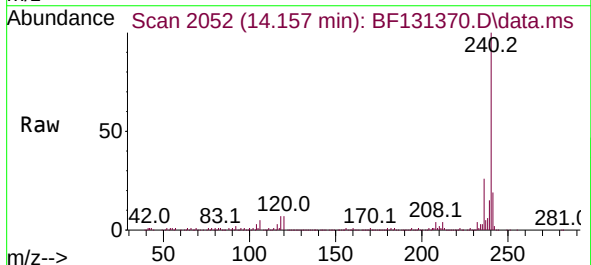
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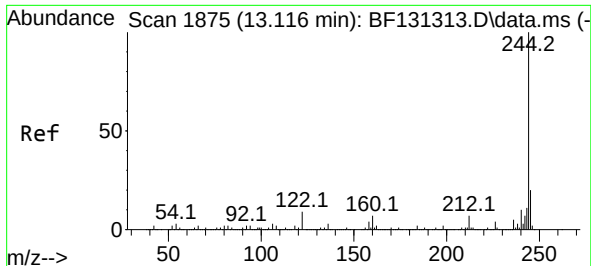
Tgt Ion:188 Resp: 388644
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 9.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131370.D
Acq: 23 Nov 2022 20:00

Tgt Ion:240 Resp: 226871
Ion Ratio Lower Upper
240 100
120 7.0 5.8 8.8
236 25.6 20.3 30.5

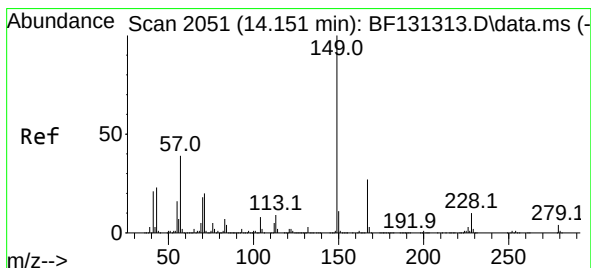
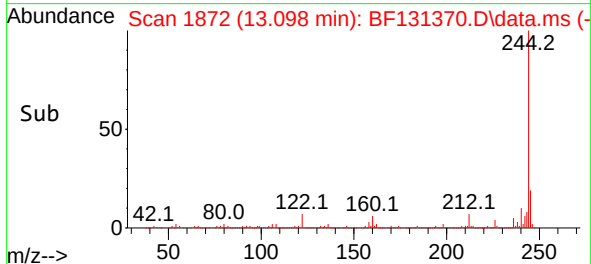
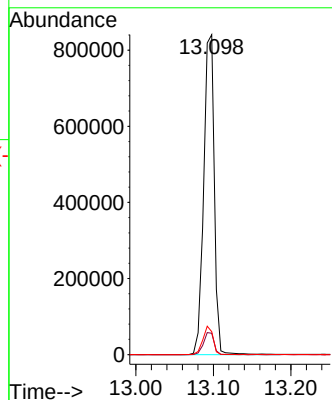
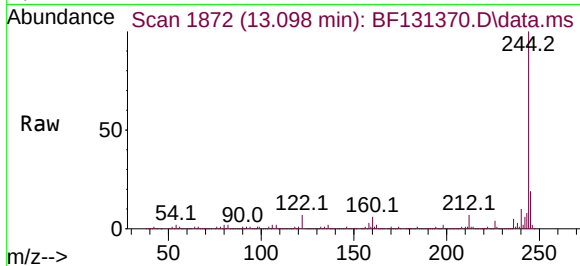




#79
 Terphenyl-d14
 Concen: 57.456 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: BF131370.D
 Acq: 23 Nov 2022 20:00

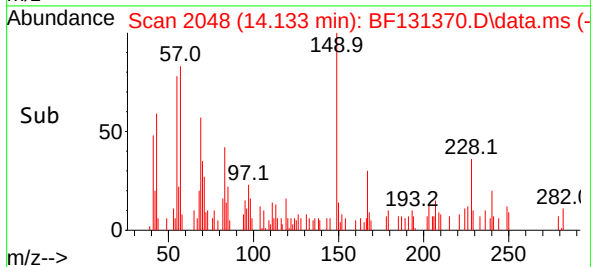
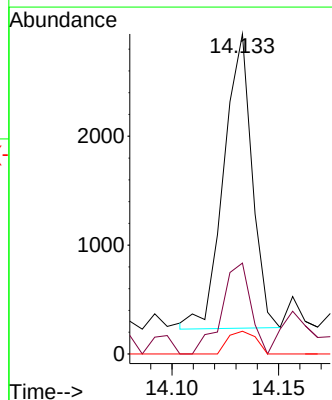
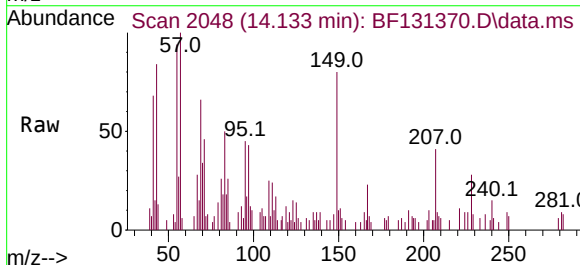
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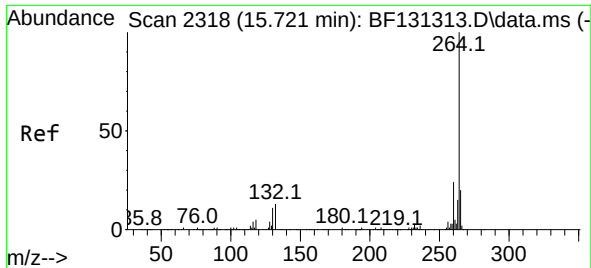
Tgt Ion:244 Resp: 797120
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 7.2 7.5 11.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.006 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.000 min
 Lab File: BF131370.D
 Acq: 23 Nov 2022 20:00

Tgt Ion:149 Resp: 2496
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.9 32.9
 279 7.1 3.0 4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BF131370.D
Acq: 23 Nov 2022 20:00

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-22

Tgt Ion:264 Resp: 214168

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	21.5	16.4	24.6

